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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT



DOCKET NO:

55046 (70207)

SERIAL NO.:

10/017,324

TECH CENTER 1600-2900

APPLICANT(S): Walsh, et al.

FILING DATE:

December 15, 2001

GROUP NO. : 1645

UNITED STATES PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KK	AA	5,883,293	03/1999	Gilon et al.			
↓	AB	5,847,121	12/1998	Yau et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
KK	BA	00/36093	06/2000	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

KK	CA	Y.Xue et al. Nature, vol 403 (2000) 571-575, "Alternative modular polyketide synthase expression controls macrolactone structure."					
	CB	L.Tang et al. Chem. & Biol. vol 7 No.2 (2000) 77-84, "Formation of functional heterologous complexes using subunits from the picromycin, erythromycin and oleandomycin polyketide synthases."					
	CC	R.McDaniel et al. Proc. Natl. Acad. Sci. USA vol 96 (1999) 1846-1857, "Multiple genetic modifications of the erythromycin polyketide synthase to produce a library of novel 'unnatural' natural products."					
	CD	R. Gokhale et al. Chem. & Biol., "Mechanism and specificity of the terminal thioesterase domain from the erythromycin polyketide synthase."					
	CE	C. Kao et al. J. Am. Chem. Soc. 119 (1997) pp. 1139-1140, "Gain of Function Mutagenesis of the Erythromycin Polyketide Synthase. 2. Engineered Biosynthesis of an Eight-Membered Ring Tetraketide Lactone"					
	CF	J.Jacobsen et al. Science vol 277 (1997) 367-369 "Precursor-Directed Biosynthesis of Erythromycin Analogs by an Engineered Polyketide Synthase"					
	CG	J.Humphrey et al. Am. Chem. Soc. 97 (1997) pp 2243-2266, "Chemical Synthesis of Natural Product Peptides: Coupling Methods for the Incorporation of Noncoded Amino Acids into Peptides."					
	CH	T. Stachelhaus et al. Science vol 269 (1995) pp 69-72, "Rational Design of Peptide Antibiotics by Targeted Replacement of Bacterial and Fungal Domain"					
	CI	J.Cortes et al. Science vol 268 (1995) pp 1487-1489, "Repositioning of a Domain a Modular Polyketide Synthase to Promote Specific Chain Cleavage"					

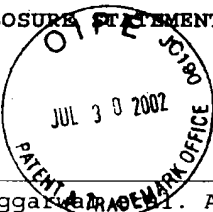
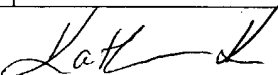
Kath Le

1/18/04

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		FILING DATE: December 15, 2001	GROUP NO. : 1645
KK	CJ	R. Aggarwal. Am. Chem. Soc. vol 15 (1995) pp 1517-1520. "The Thioesterase of the Erythromycin-producing Polyketide Synthase: Mechanistic Studies in vitro to Investigate its Mode of Action and Substrate Specificity:	
EXAMINER: 		DATE: 1/14/04	

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